

## ABSTRACT OF THE DISCLOSURE

An electric compressor for flammable gas has a housing, an electric actuator and a compression unit. The housing has a suction port and a discharge  
5 port. An inside portion of the housing serves as a passage for the flammable gas. The electric actuator and the compression unit are sealingly accommodated in the housing, and is driven by the electric actuator. The suction port is located closer to the electric actuator than to the compression unit.